Section 985

HMA SAMPLE REDUCTION METHODS

985.01 Scope

This procedure modifies AASHTO R 47, Reducing Samples of Hot Mix Asphalt (HMA) to Testing Size.

985.02 Procedure

Utilize AASHTO R 47, Reducing Samples of Hot-Mix Asphalt to Testing Size with the following modifications:

Cooking spray is the approved release agent. Where used, remove excess with an absorbent paper towel or cloth. Use of a release agent is optional.

If the sample does not separate easily, warm the sample in the oven (250° F max) until it can be mixed and separated (not to exceed 2 hrs). Lower temperatures may be utilized for longer periods of time).

DELETE - Section 7.1. Mechanical Splitter Type A

DELETE - Section 8.2. Mechanical Splitter Type A

Note - Section 7.1 and Section 8.2 describe use of the mechanical splitter type known as the "Quartermaster." UDOT has disallowed the use of this kind of splitter.

ADD to Section 7.2. & 8.3. - Mechanical Splitter Type B (Riffle Splitter)

Mechanical Splitter Type B (Riffle Splitter) is the only acceptable method of reduction for dense-mix HMA and other materials whose point of acceptance is behind the paver.

ADD to Section 10.2. Procedure for Quartering Method

Some materials, such as SMA may not require mixing four times. In such cases, mixing is only required if the material does not appear homogeneous.

DELETE - Section 10.6. Procedure for Quartering Method

Note - Section 10.6. describes the quartering by apex method. UDOT has disallowed the use of this sample reduction method.

DELETE - Section 11 & Section 12 Incremental Method

Note - Section 11 and 12 describes the Incremental (Loaf) Method. UDOT has disallowed the use of this sample reduction method.